

Automated updating of user information through periodic queries to the user, with the user spared the drudgery of having to re-answer information already known to the system: registration information is restricted to what is new or changed.

- 7. The predicting of related areas of interest on the basis of the amalgamated attributes.
- 8. An e-commerce engine that, with the user's approval, acts on the provided information.



CLAIMS

What I claim as my invention is the combination of the eight points listed above, namely:

- A menu of choices and computerized means of entering those choices, as on a Web page.
- 2. The amalgamation of attributes associated with each choice.
- The presentment of a uniform registration form based on the amalgamation of attributes.
- 4. The elimination of repetititious information from this form.
- 5. The dynamic generation of the registration form: what is included on the form depends on the choices made by the user and the operation of the rules-based system. Thus, there is not just one registration form, but a constantly changing form depending on how the user is interpreted by the system.
- 6. Automated updating of user information through periodic queries to the user, with the user spared the drudgery of having to re-answer information already known to the system: registration information is restricted to what is new or changed.
- 7. The predicting of related areas of interest on the basis of the amalgamated attributes.
- 8. An e-commerce engine that, with the user's approval, acts on the provided information.

Specifically, I claim the origination of a variable registration form derived from expressed, calculated, and/or known attributes of the user.

I claim originality for the technique whereby the user completes multiple registrations at once, instead of having to complete a separate registration for each product, Web site, magazine, bank loan, college admission, or other application.

I also claim originality for the ability of the invention to remember previous registration information gathered from other variable and/or diverse forms so that this information, at the user's option, is entered automatically when it is needed in a new registration.

No originality is claimed for expert systems, relational databases, collaborative filtering, OCR, or e-commerce in general, although I claim originality for the combination of this technology in dynamically-generated registration forms.